Queensland

Electricity Act 1976

ELECTRICITY (ENERGY EFFICIENCY LABELLING) REGULATION 1994

Reprinted as in force on 1 July 1994
(Regulation not amended up to this date)

Reprint No. 1

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Information about this reprint

This regulation is reprinted as at 1 July 1994.

Minor editorial changes allowed under the provisions of the Reprints Act 1992 mentioned in the following list have also been made to—

- use expressions consistent with current legislative drafting practice (s 29)
- correct minor errors (s 44).

See Endnotes for—

- **details about when provisions commenced**
- **any provisions that have not commenced and are not incorporated in the reprint**
- **further information about editorial changes made in the reprint, including Table of corrected minor errors.**

Queensland

ELECTRICITY (ENERGY EFFICIENCY LABELLING) REGULATION 1994

TABLE OF PROVISIONS

ELECTRICITY (ENERGY EFFICIENCY LABELLING) REGULATION 1994

[reprinted as in force on 1 July 1994[2]]

PART 1—PRELIMINARY

Short title

1. This regulation may be cited as the *Electricity (Energy Efficiency Labelling) Regulation 1994*[3–4].

Commencement

2. This regulation commences on 1 July 1994.

Purposes

3. The purposes of this regulation are to provide for—

(a) the setting of standards and procedures for measuring energy efficiency of domestic appliances; and

(b) a register of energy efficiency labels; and

(c) the labelling of domestic appliances.

Definitions

4. In this regulation—

"applicant" means a person mentioned in section 284A(1)(a), (b), (c) or (d) of the Act;

"approved" means approved by the Commission;

"recommended" for the operation of a domestic appliance means recommended in the point-of-sale literature, publicity or installation

instructions by the manufacturer or importer of the domestic appliance for the appliance's maximum performance and energy efficiency;

"relevant interstate authority" means the authority in another State or a Territory that has the function of dealing with matters under a corresponding law;

"sell" includes offer, expose or advertise for sale;

"star rating" is the rating given to a class of domestic appliances under section 28;

"supplementary water supply connection mode" for the operation of a domestic appliance means—

(a) if a single or manual select cold water connection is recommended for the appliance—a hot water connection only; or

(b) if a single or manual select hot water connection is recommended for the appliance—a cold water connection only; or

(c) if an automatic dual hot and cold water connection is recommended for the appliance—a cold water connection only;

"test report" means a report prepared under Part 3 for a domestic appliance;

"water supply connection mode" for the operation of a domestic appliance means the mode (single hot, single cold or dual hot and cold) of water supply connection.

Corresponding law

5. For the purposes of the definition **"corresponding law"** in section 6 of the Act, the following laws are declared to be corresponding laws—

- *Electrical Products Act 1988* (SA)
- *Electricity Act 1945* (NSW)
- *Energy Administration Act 1987* (NSW)
- *State Electricity Commission Act 1958* (Vic).

Domestic appliances

6. For the purposes of the definition **"domestic appliance"** in section 6 of the Act, the following appliances are declared to be domestic appliances—

- dishwashers
- refrigerators, refrigerator-freezers and freezers
- refrigerative airconditioners
- clothes washing machines
- rotary clothes dryers.

Prescribed fees

7. The fees specified in Schedule 1 are the fees prescribed for the purposes of this regulation.

Measurements and calculations to be rounded to 2 decimal places

8. If, under this regulation or a specification applying because of this regulation—

(a) energy is to be measured or worked out and expressed as a figure; and

(b) no provision is made about the degree of accuracy of the expression;

the figure must be rounded to 2 decimal places.

PART 2—REGISTERED EFFICIENCY LABELS

Division 1—Registration

Register

9.(1) The Commission must keep a register to be called the efficiency label register.

(2) The register may be an electronic or manual register or a combination of both.

(3) The register may form part of a national register.

Application for registration of efficiency label

10.(1) An application for the registration of an efficiency label for a class of domestic appliances must—

(a) be made in the approved form; and

(b) be accompanied by—

(i) the prescribed fee; and

(ii) a test report for the domestic appliance; and

(iii) a sample of the efficiency label.

(2) If a person other than the applicant signs the application, the application also must be accompanied by a written authorisation by which the applicant authorises the person to sign the application for the applicant.

(3) If the Commission declines to approve the registration of the efficiency label, it must give written notice of its decision to the applicant within 21 days of the decision.

Registration of efficiency label

11. If the Commission approves the registration of an efficiency label, registration is effected by entering in the register—

(a) a representation of the label; and

(b) the name and address of the holder of the label notified to the Commission; and

(c) the class of domestic appliances to which the label relates; and

(d) the date of registration of the label; and

(e) the registration number given to the label.

Notice of registration of efficiency label

12. Within 21 days of registering an efficiency label, the Commission must give written notice of the registration, and the date of registration, to—

(a) the holder of the label; and

(b) the relevant interstate authorities.

Term of registration

13. The registration of an efficiency label continues in force until it is cancelled.

Inspection of entries in register

14. A person may, on payment of the prescribed fee—

(a) inspect the efficiency label register; and

(b) obtain a certified copy of an entry in the register.

Change of name or address

15.(1) The holder of a registered efficiency label whose name or address changes must give written notice of the change to the Commission within 21 days of the change.

Maximum penalty—4 penalty units.

(2) The Commission must—

(a) enter details of the change in the efficiency label register; and

(b) notify the relevant interstate authorities of the change.

Division 2—Alteration, transfer and cancellation

Alteration of registered efficiency label

16.(1) The holder of a registered efficiency label may apply to the Commission for approval of an alteration of the label to reflect a change in the way a domestic appliance of the class to which the label relates is identified.

(2) The Commission must approve the alteration if the application—

(a) is made in the approved form; and

(b) is accompanied by—

(i) the prescribed fee; and

(ii) a sample of the altered efficiency label.

(3) If the Commission declines to approve the alteration, it must give written notice of its decision to the holder within 21 days of the decision.

Details of alteration to be entered in register

17. If the Commission approves the alteration of a registered efficiency label, it must enter in the register—

(a) the details of the alteration; and

(b) the date of registration of the alteration.

Notice of alteration of efficiency label

18.(1) Within 21 days of approving the alteration, the Commission must give written notice of the alteration to—

(a) the holder of the label; and

(b) the relevant interstate authorities.

(2) The Commission also must advise the relevant interstate authorities of—

(a) the details of the alteration; and

(b) the date of registration of the alteration.

Transfer of registration of efficiency label

19.(1) If the holder of a registered efficiency label proposes to transfer registration of the label to someone else (the **"transferee"**), the transferee may apply to the Commission for approval of the transfer.

(2) The Commission must approve the transfer if the application—

(a) is made in the approved form; and

(b) is accompanied by—

(i) the prescribed fee; and

(ii) the holder's written agreement to the transfer.

(3) However, the Commission must decline to approve the transfer of registration of the label if a domestic appliance in the class of domestic appliances to which the label relates—

(a) is a prescribed electrical article under Part 9 of the Act and application has not been made to transfer the registration of the electrical article to the transferee; or

(b) is an appliance about which a certificate of suitability has been issued under Part 9 of the Act and application has not been made to transfer the certificate to the transferee.

(4) If the Commission declines to approve the transfer of registration of the label, it must give written notice of its decision to the transferee and the holder within 21 days of the decision.

Details of transfer of registration to be entered in register

20. If the Commission approves the transfer of registration of an efficiency label, it must enter in the register—

(a) the name and address of the transferee; and

(b) the date of transfer of the registration.

Notice of transfer of efficiency label

21.(1) Within 21 days of approving the transfer of registration of an efficiency label, the Commission must give written notice of the transfer to—

(a) the transferee; and

(b) the former holder; and

(c) the relevant interstate authorities.

(2) The Commission also must advise the relevant interstate authorities of—

(a) the name and address of the transferee; and

(b) the date the transfer was made.

Details of cancellation of registration to be entered in the register

22. If the Commission cancels the registration of an efficiency label, it must enter in the register the date of cancellation.

Notice of cancellation of efficiency label

23.(1) If the Commission cancels the registration of an efficiency label, it must notify the relevant interstate authorities of the cancellation.

(2) A notice of cancellation under subsection (1) or section 284D(5) of the Act must—

(a) state the date of cancellation; and

(b) be given within 7 days of the cancellation.

Division 3—The label

Efficiency label

24.(1) For the purposes of section 284B(c) of the Act, an efficiency label must contain the following details for the class of domestic appliances to which the label relates—

(a) a way of identifying the class—

(i) by trade name and manufacturer's catalogue or model number; or

(ii) in another way approved by the Commission;

(b) the specification, or provision of this regulation, under which a domestic appliance of the class was tested to work out—

(i) its energy consumption rate; and

(ii) its energy efficiency rating; and

(iii) if relevant, its supplementary energy consumption rate;

(c) the star rating of the class.

(2) An efficiency label may contain other details approved by the Commission.

Efficiency label for dishwashers

25.(1) If the domestic appliances in the class of appliances to which the efficiency label relates are dishwashers, the label also must contain the following details about the testing performed to work out the energy consumption rate of the dishwashers—

(a) the name or description of the program used for the testing;

(b) the recommended water supply connection mode used for the testing;

(c) the number of place settings used for the testing.

(2) If the dishwashers are capable of operating on more than 1 water supply connection mode, the label also must contain the following details

about the testing performed to work out the supplementary energy consumption rate of the dishwashers—

(a) the supplementary water supply connection mode used for the testing;

(b) the supplementary energy consumption rate of the dishwashers.

Efficiency label for refrigerative airconditioners

26.(1) If the domestic appliances in the class of appliances to which the efficiency label relates are refrigerative airconditioners, the label also must contain the following details—

(a) if the airconditioners do not have a heating mode—the output capacity, expressed in kW, of the airconditioners;

(b) if the airconditioners have a heating mode—

(i) the output capacity, expressed in kW, of the airconditioners for both heating and cooling modes; and

(ii) the star rating of the class, for both heating and cooling modes, for the airconditioners in the class.

(2) In subsection (1)—

"output capacity" has the meaning given by section 48.

Division 4—Placement of efficiency label

Placement of efficiency label

27.(1) For the purposes of section 284F of the Act, a label that corresponds with the registered efficiency label for a domestic appliance may be attached to the appliance to which it relates only—

(a) in the way set out in this section; or

(b) in another way approved by the Commission in writing.

(2) If the domestic appliance is a dishwasher, refrigerator, refrigerator-freezer, freezer or rotary clothes dryer, the label must be

attached on the uppermost 25% of the front of the appliance.

(3) Despite subsection (2), if the domestic appliance has a top opening lid or lids, the label may be attached on the lid, or 1 of the lids, within 40 cm of the midpoint of the edge opposite the hinged edge.

(4) If the domestic appliance is a refrigerative airconditioner or clothes washing machine, the label must be attached to the front of the appliance.

Division 5—Star rating

Star rating

28.(1) A star rating is to be given to each class of domestic appliances for which—

(a) there is registered efficiency label; or

(b) an application for registration has been made or is proposed to be made.

(2) The star rating must be based on the energy efficiency rating of domestic appliances in the class and be given on the following basis—

Energy Efficiency Rating	Star Rating
Less than 2.00	1
2.00–2.99	2
3.00–3.99	3
4.00–4.99	4
5.00–5.99	5
6.00 or more	6.

PART 3—TESTING AND TEST REPORTS

Division 1—Preliminary

Testing of domestic appliances

29.(1) A domestic appliance must be tested under this Part to work out its energy consumption rate and energy efficiency rating.

(2) The testing may be done only by an entity approved by the Commission.

Test reports

30.(1) The results of the test must be recorded in a test report.

(2) The test report must be in the approved form and contain the following information about the test—

(a) the specification, or provision of this regulation, under which the testing was conducted;

(b) the name of the entity that conducted the test;

(c) the date of the test;

(d) the date of the report;

(e) the results of the test;

(f) other information required to be included in the report under this Part.

Regulation and specification to be read together for tests

31. When testing a domestic appliance, this regulation and a specification under which the appliance may be tested are to be read together, but, if this regulation and the specification are inconsistent, this regulation prevails and the specification, to the extent of the inconsistency, has no effect.

Division 2—Dishwashers

Definition

32. In this Division—

"specification" means Australian Standard 2007-1988 (Performance of Household Electrical Appliances—Dishwashers).

Application of Division

33. This Division applies to the testing of a dishwasher in a class of dishwashers for which—

(a) there is a registered efficiency label; or

(b) an application for registration of an efficiency label has been made or is proposed to be made.

Application of specification

34.(1) Subject to this Division, a dishwasher to be tested to work out its energy consumption rate and energy efficiency rating must be tested under the specification.

(2) If a dishwasher may be operated on more than 1 water supply connection mode—

(a) the dishwasher may be tested to work out its supplementary energy consumption rate; and

(b) a test under paragraph (a) must be performed under the specification.

Working out energy consumption rate of dishwasher

35. The energy consumption rate of the dishwasher must—

(a) be worked out under the specification using the recommended water supply connection mode for the dishwasher; and

(b) be expressed as the quantity, in kW.h, of electricity consumed by the dishwasher over a sequence of 365 complete programs.

Working out energy consumption rate of dishwashers as a class

36. The energy consumption rate of dishwashers in a class of dishwashers must be worked out by averaging the energy consumption rate of 3 dishwashers in the class.

Working out supplementary energy consumption rate

37. The supplementary energy consumption rate of the dishwasher must—

(a) be worked out under the specification using the supplementary water supply connection mode for the dishwasher stated or proposed to be stated in the application for registration of the efficiency label; and

(b) be expressed as the quantity, in kW.h, of electricity consumed by the dishwasher over a sequence of 365 complete programs.

Working out supplementary energy consumption rate of dishwashers as a class

38. The supplementary energy consumption rate of dishwashers in a class of dishwashers must be worked out by averaging the supplementary energy consumption rate of 3 dishwashers in the class.

Working out energy efficiency rating

39. The energy efficiency rating of the dishwasher must be worked out under the formula set out in Schedule 3, clause 1.

What the test report must contain

40. The test report for the dishwasher must contain the following information about the test—

(a) a description of the dishwasher, including its serial number, and its date of manufacture;

(b) the program used;

(c) the program time;

(d) the washing index;

(e) the drying index;

(f) the number of place settings loaded;

(g) the hot water energy consumption, expressed in kW.h;

(h) the cold water energy consumption, expressed in kW.h;

(i) the total energy consumption, expressed in kW.h;

(j) the hot water consumption, expressed in litres;

(k) the cold water consumption, expressed in litres;

(l) the recommended water supply connection mode for the dishwasher used to work out its energy consumption rate;

(m) if the dishwasher may be operated on more than 1 water supply connection mode—the supplementary water supply connection mode for the dishwasher used to work out its supplementary energy consumption rate;

(n) the assessed energy consumption, expressed in kW.h, for 365 complete programs.

Division 3—Refrigerators, refrigerator-freezers and freezers

Definitions

41. In this Division and Schedule 4, and for the purpose of applying the specification—

"electrical refrigerating unit" means an electrical refrigerating unit that operates on the vapour-compression principle arranged to extract heat from within a cabinet or cabinets inside the unit;

"freezer" means a self-contained assembly consisting of—

(a) a thermally insulated cabinet designed for the storage and preservation of foodstuffs at a temperature cooler than 0°C; and

(b) an electrical refrigerating unit;

"refrigerating appliance" means a freezer, refrigerator or refrigerator-freezer;

"refrigerator" means a self-contained assembly consisting of—

(a) a thermally insulated cabinet designed for the storage and preservation of foodstuffs at a temperature warmer than 0°C; and

(b) an electrical refrigerating unit;

"refrigerator-freezer" means a self-contained assembly consisting of—

(a) 1 or more thermally insulated cabinets designed for the storage and preservation of foodstuffs at a temperature warmer than 0°C; and

(b) 1 or more thermally insulated cabinets designed for the storage and preservation of foodstuffs at a temperature cooler than 0°C; and

(c) an electrical refrigerating unit;

"specification" means Australian Standard 2575.2-1989 'Energy labelling of appliances, Part 2, Refrigerators, refrigerator-freezers and freezers—Determination of energy consumption and efficiency rating'.

Application of Division

42. This Division applies to the testing of a refrigerating appliance in a class of refrigerating appliances for which—

(a) there is a registered efficiency label; or

(b) an application for registration of an efficiency label has been made or is proposed to be made.

Application of specification

43. Subject to this Division, a refrigerating appliance to be tested to work

out its energy consumption rate and energy efficiency rating must be tested under the specification.

Working out energy consumption rate of refrigerating appliance

44. The energy consumption rate of the refrigerating appliance must be worked out under the formula set out in Schedule 4, Part 1 and expressed in kW.h per year.

Working out energy consumption rate of refrigerating appliances as a class

45. The energy consumption rate of refrigerating appliances in a class of refrigerating appliances must be worked out by averaging the energy consumption rate of 3 refrigerating appliances in the class.

Working out energy efficiency rating

46. The energy efficiency rating of the refrigerating appliance must be worked out under the formula set out in Schedule 4, Part 2.

What the test report must contain

47. The test report for the refrigerating appliance must contain the information set out in Appendixes C and D to the specification.

Division 4—Refrigerative airconditioners

Definitions

48. In this Division and Schedule 5, and for the purpose of applying the specification—

"output capacity" of a refrigerative airconditioner means—

(a) if the airconditioner is operating in cooling mode—the total cooling effect of the airconditioner worked out under the specification; or

(b) if the airconditioner is operating in heating mode—the heating effect of the airconditioner worked out under the specification;

"refrigerative airconditioner" means an assembly that—

(a) operates off a single phase power supply; and

(b) has an output capacity not greater than 7.5 kW; and

(c) is designed to deliver to an enclosed space (through the operation of an electro-mechanical mechanism that operates on the vapour-compression principle)—

(i) cooled air; and

(ii) if the airconditioner has reverse cycle capacity—heated air;

and includes a refrigerative airconditioner of a type described in Schedule 2;

"specification" means Australian Standard 1861.1-1988 'Air Conditioning Units—Methods of Assessing and Rating Performance, Part 1—Refrigerated Room Air-conditioners', but excluding from Table 3.1 (Thermal capacity rating type test conditions) of the Standard operating condition B.

Application of Division

49. This Division applies to the testing of a refrigerative airconditioner in a class of refrigerative airconditioners for which—

(a) there is a registered efficiency label; or

(b) an application for registration of an efficiency label has been made or is proposed to be made.

Application of specification

50. Subject to this Division, a refrigerative airconditioner to be tested to work out its energy consumption rate and energy efficiency rating must be tested under the specification.

Tests to be conducted for each operating mode

51. If the refrigerative airconditioner may be operated in both cooling and heating modes, the testing is to be conducted for each operating mode.

Working out energy consumption rate of refrigerative airconditioner

52. The energy consumption rate of the refrigerative airconditioner must—

(a) be worked out under the specification; and

(b) be expressed as the rate of electricity consumed, in kW.h, by the airconditioner over a continuous period of 500 hours.

Working out energy consumption rate of refrigerative airconditioners as a class

53. The energy consumption rate of refrigerative airconditioners in a class of refrigerative airconditioners must be worked out by averaging the energy consumption rate of 3 refrigerative airconditioners in the class.

Working out energy efficiency rating in cooling mode

54. The energy efficiency rating of the refrigerative airconditioner in cooling mode must be worked out under the formula set out in Schedule 5, clause 1.

Working out energy efficiency rating in heating mode

55. The energy efficiency rating of the refrigerative airconditioner in heating mode must be worked out under the formula set out in Schedule 5, clause 2.

What the test report must contain

56. The test report for the refrigerative airconditioner must contain the following information about the test—

(a) a description of the airconditioner, including its serial number, and

its date of manufacture;

(b) the total cooling effect, expressed in kW, of the airconditioner;

(c) the sensible cooling effect, expressed in kW, of the airconditioner;

(d) the latent cooling effect, expressed in kW, of the airconditioner;

(e) the cooling coefficient of performance of the airconditioner;

(f) if the test was conducted in heating mode—

(i) the heating effect, expressed in kW, of the airconditioner; and

(ii) the heating coefficient of performance of the airconditioner;

(g) the energy consumption rate of the airconditioner—

(i) for operation in cooling mode; and

(ii) if relevant—for operation in heating mode.

Division 5—Clothes washing machines

Definitions

57. In this Division and Schedule 6, and for the purpose of applying the specification—

"program" of a clothes washing machine means the sequence of cycles that takes place in the machine from the start to the end of its washing operation;

"specification" means Australian Standard 2040-1990 'Performance of household electrical appliances—Clothes washing machines';

"test load" means a combination of garments made up under Appendix I to the specification.

Application of Division

58. This Division applies to the testing of a clothes washing machine in a class of clothes washing machines for which—

(a) there is a registered efficiency label; or

(b) an application for registration of an efficiency label has been made or is proposed to be made.

Application of specification

59. Subject to this Division, a clothes washing machine to be tested to work out its energy consumption rate and energy efficiency rating must be tested under the specification.

Working out energy consumption rate of clothes washing machine

60. The energy consumption rate of the clothes washing machine must—

(a) be worked out under the specification; and

(b) be expressed as the rate of electricity, expressed in kW.h, consumed by the machine over a sequence of 365 completed programs.

Working out energy consumption rate of clothes washing machines as a class

61. The energy consumption rate of clothes washing machines in a class of clothes washing machines must be worked out by averaging the energy consumption rate of 3 clothes washing machines in the class.

Working out energy efficiency rating

62. The energy efficiency rating of the clothes washing machine must be worked out under the formula set out in Schedule 6.

What the test report must contain

63. The test report for the clothes washing machine must contain the following information about the test—

(a) a description of the clothes washing machine, including its serial number, and its date of manufacture;

(b) the hot water energy consumption, expressed in kW.h, of the machine;

(c) the cold water energy consumption, expressed in kW.h, of the machine;

(d) the electrical energy consumption, expressed in kW.h, of the machine;

(e) the total energy consumption, expressed in kW.h, of the machine;

(f) the hot water consumption, expressed in litres, of the machine—

(i) for the wash cycle; and

(ii) for the program;

(g) the cold water consumption, expressed in litres, of the machine—

(i) for the wash cycle; and

(ii) for the program;

(h) the rated load capacity, expressed in kg, of the machine;

(i) the mass of water moisture, expressed in kg, remaining after the spin cycle;

(j) the severity of washing index;

(k) the percentage of soil removal;

(l) the name of the program used;

(m) the water supply connection mode used to work out the energy efficiency rating of the machine.

Division 6—Rotary clothes dryers

Definition

64. In this Division and Schedule 7—

"specification" means Australian Standard 2442-1981 'Performance of household electrical appliances—Rotary clothes dryers', except that—

(a) a reference in the Standard to a moisture content of 8% is taken to

be a reference to a moisture content of 6%; and

(b) the reference, in the second sentence of provision B4.1.2 of Appendix B to the Standard, to 9 is taken to be a reference to 7.

Application of Division

65. This Division applies to the testing of a rotary clothes dryer in a class of rotary clothes dryers for which—

(a) there is a registered efficiency label; or

(b) an application for registration of an efficiency label has been made or is proposed to be made.

Application of specification

66. Subject to this Division, a rotary clothes dryer to be tested to work out its energy consumption rate and energy efficiency rating must be tested under the specification.

Working out energy consumption rate of rotary clothes dryer

67. The energy consumption rate of the rotary clothes dryer must—

(a) be worked out under—

(i) the formula set out in Schedule 7, Part 1; or

(ii) Appendix B or C to the specification; and

(b) be expressed as the rate of electricity, in kW.h per year, consumed by the clothes dryer when used 150 times to dry its maximum rated capacity of clothes.

Working out energy consumption rate of rotary clothes dryers as a class

68. The energy consumption rate of rotary clothes dryers in a class of rotary clothes dryers must be worked out by averaging the energy consumption rate of 3 rotary clothes dryers in the class.

Working out energy efficiency rating

69. The energy efficiency rating of the rotary clothes dryer must be worked out under the formula set out in Schedule 7, Part 2.

What the test report must contain

70.(1) The test report for the rotary clothes dryer must contain the following information about the test—

(a) a description of the rotary clothes dryer, including its serial number, and its date of manufacture;

(b) the mass of the clothes load, expressed in kg, in bone dry condition;

(c) the mass of the damp clothes load, expressed in kg;

(d) the name of the program used;

(e) the mass of the clothes load, expressed in kg, at the end of the drying cycle;

(f) the total energy consumption of the clothes dryer, expressed in kW.h, at the end of the drying cycle;

(g) the time taken, expressed in minutes, to dry the load to reach the prescribed moisture content.

(2) In subsection (1)(g), the prescribed moisture content is 6% with 1% tolerance allowed either way.

PART 4—OFFENCES

Definitions

71. In this Part—

"approved label", for a domestic appliance, means a label that corresponds with the registered efficiency label for the appliance;

"offered for sale" includes exposed or advertised for sale.

Part does not apply to second-hand appliances

72. This Part does not apply to second-hand domestic appliances.

Label not to be obscured

73. A person must not, without reasonable excuse, cause an approved label attached to a domestic appliance offered for sale to be obscured from view.

Maximum penalty—8 penalty units.

False or misleading documents

74.(1) A person must not give to the Commission a document containing information the person knows is false, misleading or incomplete in a material particular.

Maximum penalty—8 penalty units.

(2) Subsection (1) does not apply to a person who, when giving the document—

(a) informs the Commission of the extent to which the document is false, misleading or incomplete; and

(b) gives the correct information to the Commission if the person has, or can reasonably obtain, the correct information.

False or misleading information

75.(1) A person must not—

(a) state anything to an electrical inspector the person knows is false or misleading in a material particular; or

(b) omit from a statement made to an electrical inspector anything without which the statement is, to the person's knowledge, misleading in a material particular.

Maximum penalty—8 penalty units.

(2) A complaint against a person for an offence against subsection (1)(a) or (b) is sufficient if it states that the statement made was false or misleading to the person's knowledge.

SCHEDULE 1

FEES

section 7

		$
1.	Application for registration of an efficiency label	150.00
2.	Application for alteration of a registered efficiency label . . .	50.00
3.	Application for transfer of registration of an efficiency label	50.00
4.	Inspection of the efficiency label register	20.00
5.	Certified copy of 1 entry in efficiency label register	20.00

SCHEDULE 2

TYPES OF REFRIGERATIVE AIRCONDITIONERS

section 48

1. **"multi-split airconditioner"**—a refrigerative airconditioner with a single refrigeration compressor and multiple evaporators and, if relevant, condensers that are not contained within a single encased assembly.

2. **"reverse cycle airconditioner"**—a refrigerative airconditioner intended for cooling and heating (if heating is not wholly dependent on electrical resistance heating).

3. **"reverse cycle airconditioner with an electrical resistance heating element"**—a refrigerative airconditioner with a heating output capacity that can be augmented by electrical resistance heating that may be activated manually or automatically.

4. **"single cycle airconditioner"**—a refrigerative airconditioner that does not have the refrigeration compressor and evaporator or, if relevant, condenser contained within a single encased assembly.

5. **"single cycle airconditioner with an electrical resistance heating element"**—a refrigerative airconditioner that has a heating output capacity wholly dependent on electrical resistance heating.

6. **"unitary airconditioner"**—a refrigerative airconditioner that has the refrigeration compressor and evaporator or, if relevant, condenser contained within a single encased assembly, including a window or wall mounted unit and fascia unit.

SCHEDULE 3

DISHWASHERS

section 39

WORKING OUT ENERGY EFFICIENCY RATING

Energy efficiency rating

1.(1) The formula for working out the energy efficiency rating of a dishwasher using its recommended water supply connection mode is—

$$\left[\frac{(\mathbf{ECR})}{\mathbf{PS}} \times (-0.1)\right] + 8.$$

(2) In the formula—

"ECR" (energy consumption rate) is the energy consumption rate of the dishwasher;

"PS" (place settings) is the number of place settings used in the test.

SCHEDULE 4

REFRIGERATORS, REFRIGERATOR–FREEZERS AND FREEZERS

sections 44 and 46

PART 1—WORKING OUT ENERGY CONSUMPTION RATE

Energy consumption rate

1.(1) The formula for working out the energy consumption rate of a refrigerating appliance is—

$$\frac{\textbf{ER x 365}}{\textbf{1000}}.$$

(2) In the formula—

"ER" (efficiency rating) is the efficiency rating of the appliance worked out under Appendix A2 to Part 2 of the specification.

PART 2—WORKING OUT ENERGY EFFICIENCY RATING

Energy efficiency rating

1.(1) The formula for working out the energy efficiency rating of a refrigerating appliance is—

(ER x -0.66667) + 7.6667.

(2) In the formula—

SCHEDULE 4 (continued)

"ER" (efficiency rating) is the efficiency rating of the appliance worked out under Appendix A2 to Part 2 of the specification.

SCHEDULE 5

REFRIGERATIVE AIRCONDITIONERS

sections 54 and 55

WORKING OUT ENERGY EFFICIENCY RATING

Energy efficiency rating (cooling mode)

1.(1) The formula for working out the energy efficiency rating of a refrigerative airconditioner in cooling mode is—

(CCOP x 5) - 8.5.

(2) In the formula—

"CCOP" (cooling coefficient of performance) is the cooling coefficient of performance of the airconditioner.

Energy efficiency rating (heating mode)

2.(1) The formula for working out the energy efficiency rating of a refrigerative airconditioner in heating mode is—

(HCOP x 5) - 9.5.

(2) In the formula—

"HCOP" (heating coefficient of performance) is the heating coefficient of performance of the airconditioner.

Cooling coefficient of performance

3.(1) For the purposes of the formula in clause 1, the cooling coefficient of performance of the refrigerative airconditioner must be worked out under the formula—

SCHEDULE 5 (continued)

$$\frac{\textbf{TCE}}{\textbf{PI}}.$$

(2) In the formula—

"PI" (power input) is the power input, expressed in kW, of the airconditioner worked out under the specification;

"TCE" (total cooling effect) is the total cooling effect, expressed in kW, of the airconditioner worked out under the specification.

Heating coefficient of performance

4.(1) For the purposes of the formula in clause 2, the heating coefficient of performance of the refrigerative airconditioner must be worked out under the formula—

$$\frac{\textbf{THE}}{\textbf{PI}}.$$

(2) In the formula—

"PI" (power input) is the power input, expressed in kW, of the airconditioner worked out under the specification;

"THE" (total heating effect) is the total heating effect, expressed in kW, of the airconditioner worked out under the specification.

SCHEDULE 6

CLOTHES WASHING MACHINES

section 62

WORKING OUT ENERGY EFFICIENCY RATING

Energy efficiency rating

1.(1) The formula for working out the energy efficiency rating of a clothes washing machine is—

$$\mathbf{6.9\ (1 - e_s)}.$$

(2) In the formula—

"e_s" (specific energy consumption) is the specific energy consumption, expressed in kW.h per kg, of the clothes washing machine.

Specific energy consumption (without evaporative drying)

2.(1) For the purposes of the formula in clause 1, if a clothes washing machine does not incorporate a cycle to dry clothes by evaporation, the specific energy consumption of the machine must be worked out under the formula—

$$\frac{\mathbf{(E_t + E_m)}}{\mathbf{m_d}}.$$

(2) In the formula—

"E_m" (energy to remove remaining moisture) is the energy, expressed in kW.h, needed to remove all the moisture from the test load not removed from the load at the end of the final spin dry cycle;

"E_t" (total energy consumption) is the total energy consumption, expressed in kW.h, of the clothes washing machine worked out under

SCHEDULE 6 (continued)

Appendix G of the specification;

"m_d" (mass of bone dry test load) is the mass, expressed in kg, of the bone dry test load.

Specific energy consumption (with evaporative drying)

3.(1) For the purposes of the formula in clause 1, if a clothes washing machine incorporates a cycle to dry clothes by evaporation, the specific energy consumption of the machine must be worked out under the formula—

$$\frac{e_s \times RCW}{RCD}.$$

(2) In the formula—

"e_s" (specific energy consumption) is the specific energy consumption of the clothes washing machine worked out under the formula in clause 2;

"RCD" (rated capacity drying) is the rated load capacity, expressed in kg, of the drying section of the clothes washing machine;

"RCW" (rated capacity washing) is the rated load capacity, expressed in kg, of the washing section of the clothes washing machine.

Energy to remove moisture

4.(1) For the purposes of the formula in clause 2, the energy needed to remove all the moisture from a test load that is not removed from the load at the end of the final spin dry cycle must be worked out under the formula—

$$0.21 \times M_s.$$

(2) In the formula—

"M_s" (mass of water remaining) is the mass of the water, expressed in kg, remaining in a test load at the end of the final spin dry cycle.

SCHEDULE 7

ROTARY CLOTHES DRYERS

sections 67 and 69

PART 1—WORKING OUT ENERGY CONSUMPTION RATE

Energy consumption rate

1.(1) The formula for working out the energy consumption rate of a rotary clothes dryer is—

$$\mathbf{150 \times F_f \times E_{tot}.}$$

(2) In the formula—

"E_{tot}" (total energy consumption) is the total energy consumption of the clothes dryer, expressed in kW.h, at the end of the drying cycle;

"F_f" (field use factor) is—

(a) for a timer or manual controlled clothes dryer—1.1; and

(b) for an automatic dryness controlled clothes dryer—1.0.

Total energy consumption

2. For the purposes of the formula in clause 1, the total energy consumption of a rotary clothes dryer must be worked out using the average of the total energy consumption worked out under the specification.

SCHEDULE 7 (continued)

PART 2—WORKING OUT ENERGY EFFICIENCY RATING

Energy efficiency rating

1.(1) The formula for working out the energy efficiency rating of a rotary clothes dryer is—

$$\mathbf{8\ (1.5 - E_s)}.$$

(2) In the formula—

"E_s" (specific energy consumption) is the specific energy consumption of the rotary clothes dryer.

Specific energy consumption

2.(1) For the purposes of the formula in clause 1, the specific energy consumption of a rotary clothes dryer must be worked out under the formula—

$$\frac{\mathbf{F_f \times E_{tot}}}{\mathbf{m_r}.}$$

(2) In the formula—

"E_{tot}" (total energy consumption) is the total energy consumption of the clothes dryer, expressed in kW.h, at the end of the drying cycle;

"F_f" (field use factor) is—

(a) for a timer or manual controlled clothes dryer—1.1; and

(b) for an automatic dryness controlled clothes dryer—1.0;

"m_r" (mass of moisture removed) is the mass of moisture, expressed in kg, removed from clothes.

Energy consumption and moisture removal

3. For the purposes of the formula in clause 2—

SCHEDULE 7 (continued)

(a) the total energy consumption of a rotary clothes dryer must be worked out using the average of the total energy consumption worked out under the specification; and

(b) the mass of moisture removed from clothes must be worked out using the average mass of moisture removed, worked out under the specification.

ENDNOTES

1 Index to Endnotes

2 Date to which amendments incorporated

This is the reprint date mentioned in the Reprints Act 1992, section 5(c). However, no amendments have commenced operation on or before that day. Future amendments of the Electricity (Energy Efficiency Labelling) Regulation 1994 may be made in accordance with this reprint under the Reprints Act 1992, section 49.

3 List of legislation

Electricity (Energy Efficiency Labelling) Regulation 1994 SL No. 142
notfd Gaz 6 May 1994 pp 125–7
ss 1–2 commenced on date of notification
remaining provisions commenced 1 July 1994 (see s 2)

4 Table of corrected minor errors

TABLE OF CORRECTED MINOR ERRORS
under the Reprints Act 1992 s 44

Provision	Description
Schedule 1	om ‘section 5’ ins ‘section 7’